

Converting Colors

XYZ(57.7021, 60.1523, 75.6182)

Have a look what the booklet for
XYZ(57.7021, 60.1523, 75.6182)
contains.

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Color

**XYZ(57.9322, 60.4423,
75.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CCDB
RGB	199, 204, 219
RGB Percent	78%, 80%, 86%
CMY	0.2196, 0.2000, 0.1412
CMYK	0.09, 0.07, 0.00, 0.14
HSL	225°, 22%, 82%
HSV	225°, 9%, 86%
XYZ	57.9322, 60.4423, 75.6310
YIQ	204.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

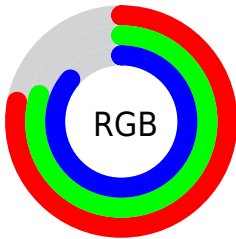
Format	Color
R _Y B	199, 203, 219
Decimal	13094107
CIE Lab	82.08, 1.18, -8.02
CIE LCh	82, 8.110, 278.387
Yxy	60.4423, 0.2986, 0.3115
Android (android.graphics.Color)	4291284187 (0xFFC7CCDB)
YUV	204.2150, 7.2890, -4.5736
Hunter-Lab	77.7446, -3.0421, -3.2568

Details

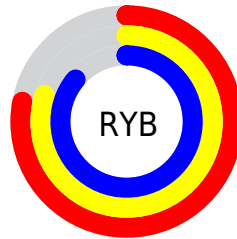
The XYZ color **57.9322, 60.4423, 75.6310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5690, 67.2762, 63.6690**, and the grayscale version is **57.4908, 60.4848, 65.8679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2842, 30.5128, 39.4681** is the 20% darker color. If you saturate the color by 10%, you get **48.8352, 50.2621, 74.1464**, and if you desaturate by 10%, it is **68.2805, 71.8818, 77.2946**.

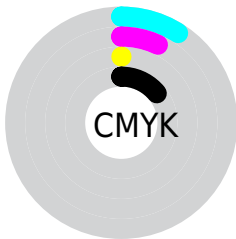
Distribution



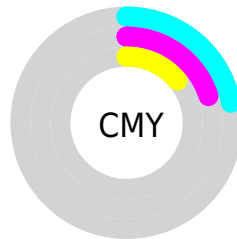
- Red (78%)
- Green (80%)
- Blue (86%)



- Red (78%)
- Yellow (80%)
- Blue (86%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9322, 60.4423, 75.6310 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.9322, 60.4423, 75.6310 by changing the saturation by 10% instead.

■ 57.9322, 60.4423,
75.6310

■ 57.9322, 60.4423,
75.6310

406.8912,
426.2262, 499.3968

■ 41.9972, 43.7752,
55.6251

100.9477,
105.4710, 128.9605

■ 29.2902, 30.4938,
39.5005

128.7588,
134.6015, 163.1212

■ 19.4458, 20.2137,
26.8385

161.2594,
168.6551, 202.8372

■ 12.0988, 12.5505,
17.2206

198.8148,
208.0165, 248.5272

■ 6.8837, 7.1198,
10.2283

241.7903,
253.0699, 300.6096

■ 3.4351, 3.5371,
5.4430

290.5513,

■ 1.3878, 1.4182,

304.1997, 359.5029

2.4462

345.4631,
361.7903, 425.6258

■ 0.2475, 0.2300,
0.8114

■ 0.0000, 0.0000,
0.0000

■ 57.9322, 60.4423,
75.6310

■ 57.9322, 60.4423,
75.6310

■ 48.8352, 50.2621,
74.1464

■ 68.2805, 71.8818,
77.2946

■ 40.9360, 41.2898,
72.8309

■ 79.9204, 84.6145,
79.1387

■ 34.1849, 33.4817,
71.6796

■ 89.2369, 96.7956,
80.9989

■ 28.5266, 26.7884,
70.6859

■ 89.7864, 97.8945,
81.1821

■ 23.9012, 21.1568,
69.8427

■ 20.2425, 16.5292,
69.1423

■ 17.4764, 12.8420,
68.5764

■ 15.5167, 10.0230,
68.1356

■ 14.2345, 7.9755,
67.8079

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.2393, 60.4423, 75.0133



57.9322, 60.4423, 75.6310



59.5263, 60.4423, 73.5163

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9322, 60.4423, 75.6310



60.0795, 60.4423, 60.1046



54.4291, 60.4423, 62.3847

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.9322, 60.4423, 75.6310



63.5690, 67.2762, 63.6690

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.4198, 60.4423, 58.6645



57.9322, 60.4423, 75.6310



58.6751, 60.4423, 57.3945

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.9322, 60.4423, 75.6310



60.7821, 60.4423, 64.4399



56.9677, 60.4423, 56.8808



54.2392, 60.4423, 67.2022

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.9322, 60.4423, 75.6310



60.3106, 60.4423, 70.9009



56.9677, 60.4423, 56.8808



54.6786, 60.4423, 60.9715

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.9340, 60.4448, 75.6323



90.4886, 94.9723, 108.1700



60.9807, 67.6442, 73.2389



19.1133, 20.0464, 23.1119



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9340, 60.4448, 75.6323



79.1262, 82.3695, 106.3363



58.0212, 58.7527, 75.3011



12.6020, 13.1438, 16.5249



8.4592, 4.7879, 40.2167



0.6165, 0.4470, 2.6282

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60.5373, 60.2678, 65.5719



83.5419, 82.1094, 89.2625



63.4702, 69.1339, 64.0328



13.1890, 13.1047, 14.2565



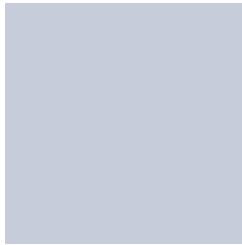
17.7652, 9.1071, 3.1434



1.1854, 0.6038, 0.3855

Previews

White Background



This preview shows how the XYZ color 57.9322, 60.4423, 75.6310 looks on a white background.

Color Contrast Check

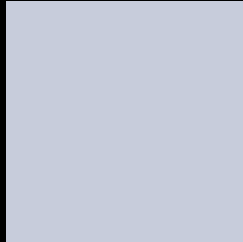
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.9322, 60.4423, 75.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

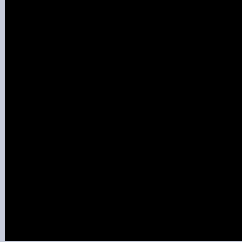
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

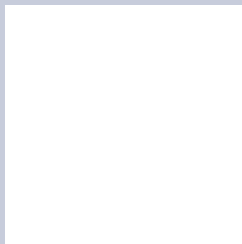
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9322, 60.4423, 75.6310

Background



This preview shows how black text looks on a background with the XYZ color 57.9322, 60.4423, 75.6310.

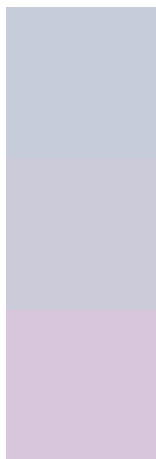


This preview shows how white text looks on a background with the XYZ color 57.9322, 60.4423,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.9322, 60.4423, 75.6310

Protanopia

58.6394, 60.4703, 74.9110

Deuteranopia

61.4313, 60.1544, 76.0833



Tritanopia

58.0643, 60.4952, 76.3266

Trichromacy



Original Color

57.9322, 60.4423, 75.6310

Protanomaly

58.3679, 60.3304, 74.8983

Deuteranomaly

60.1509, 60.1775, 76.1553

Tritanomaly

58.0643, 60.4952, 76.3266

Monochromacy



Original Color

57.9322, 60.4423, 75.6310

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4586, 60.3457, 68.9411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9322, 60.4423, 75.6310 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(199, 204, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 204, 219) }
```

Border

The CSS property to change the border of an element to XYZ 57.9322, 60.4423, 75.6310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 204, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 204, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 204, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(199, 204,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9322, 60.4423, 75.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 204, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
204, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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